

	Application No.	Applicant(s)
•	10/731,659	HALLIYAL ET AL.
Notice of Allowability	Examiner	Art Unit
	Thao P. Le	2818
The MAILING DATE of this communication appearance of the communication appearance of all claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT Reports of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this a or other appropriate communication IGHTS. This application is subject	pplication. If not included on will be mailed in due course. THIS
1. This communication is responsive to 3/28/05.		
2. The allowed claim(s) is/are <u>1-20</u> .		
3. A The drawings filed on <u>09 December 2003</u> are accepted by	the Examiner.	
<ul> <li>4. Acknowledgment is made of a claim for foreign priority ur</li> <li>a) All b) Some* c) None of the:</li> <li>1. Certified copies of the priority documents have</li> <li>2. Certified copies of the priority documents have</li> <li>3. Copies of the certified copies of the priority do</li> <li>International Bureau (PCT Rule 17.2(a)).</li> <li>* Certified copies not received:</li> <li>Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN</li> </ul>	e been received. e been received in Application No. cuments have been received in thi of this communication to file a rep	s national stage application from the
<ul> <li>THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.</li> <li>5. A SUBSTITUTE OATH OR DECLARATION must be subminformal patent APPLICATION (PTO-152) which give</li> </ul>	nitted. Note the attached EXAMINE	
<ol> <li>CORRECTED DRAWINGS (as "replacement sheets") must (a)  including changes required by the Notice of Draftspers 1)  hereto or 2)  to Paper No./Mail Date</li> <li>(b)  including changes required by the attached Examiner' Paper No./Mail Date</li> <li>Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the standard of the deposit of t</li></ol>	son's Patent Drawing Review (PTG). s Amendment / Comment or in the .84(c)) should be written on the drawing the header according to 37 CFR 1.12 sit of BIOLOGICAL MATERIAL	Office action of wings in the front (not the back) of 1(d) must be submitted. Note the
Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date	6. ☐ Interview Summa Paper No./Mail D 08), 7. ☐ Examiner's Amen	Date

### **DETAILED ACTION**

# Response to Amendment

This Office Action is in response to Amendment filed on 03/28/05.

Claims 1, 4, 5, 6, 10, 13, 14, 15 have been amended.

Remark of Applicants has been considered.

Claims 1-20 are pending and presented for examination.

### Reason for allowance

## Claims 1-20 are allowed.

The following is an examiner's statement of reason for allowance:

Set of claims 1-9: None of the references of record teaches or suggests the claimed limitations having a process for fabricating a semiconductor device having a ONO structure comprising the step of forming a nitride layer having a hydrogen content less than about two atomic percent and among other steps cited in independent claim 1.

Set of claims 10-20: None of the references of record teaches or suggests the claimed limitations having a process for fabricating a charge trapping dielectric flash memory device comprising the step of forming a charge trapping dielectric charge storage layer having a hydrogen content less than about two atomic percent and among other steps cited in independent claims 10 and 19.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

#### Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thao P. Le whose telephone number is 571-272-1785. The examiner can normally be reached on M-T (7-6).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Thao P. Le Examiner Art Unit 2818 March 31, 2005.